

# Guiying Liao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4640273/publications.pdf>

Version: 2024-02-01

23  
papers

580  
citations

567281  
15  
h-index

677142  
22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyimide-based carbon nanofibers: A versatile adsorbent for highly efficient removals of chlorophenols, dyes and antibiotics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 92-101.	4.7	60
2	Understanding synergistic mechanisms of ferrous iron activated sulfite oxidation and organic polymer flocculation for enhancing wastewater sludge dewaterability. <i>Water Research</i> , 2021, 189, 116652.	11.3	52
3	Catalytic pyrolysis coupling to enhanced dewatering of waste activated sludge using KMnO <sub>4</sub> Fe(II) conditioning for preparing multi-functional material to treat groundwater containing combined pollutants. <i>Water Research</i> , 2019, 158, 424-437.	11.3	42
4	A green and low-cost strategy to synthesis of tunable pore sizes porous organic polymers derived from waste-expanded polystyrene for highly efficient removal of organic contaminants. <i>Chemical Engineering Journal</i> , 2019, 370, 251-261.	12.7	41
5	Immobilization of horseradish peroxidase enzymes on hydrous-titanium and application for phenol removal. <i>RSC Advances</i> , 2016, 6, 38117-38123.	3.6	38
6	A novel waste activated sludge multistage utilization strategy for preparing carbon-based Fenton-like catalysts: Catalytic performance assessment and micro-interfacial mechanisms. <i>Water Research</i> , 2019, 150, 473-487.	11.3	36
7	Porous polyimide framework: A novel versatile adsorbent for highly efficient removals of azo dye and antibiotic. <i>Reactive and Functional Polymers</i> , 2016, 103, 9-16.	4.1	34
8	One-pot synthesis of g-C <sub>3</sub> N <sub>4</sub> -doped amine-rich porous organic polymer for chlorophenol removal. <i>Environmental Science: Nano</i> , 2018, 5, 169-182.	4.3	34
9	Highly efficient removal of antibiotics and dyes from water by the modified carbon nanofibers composites with abundant mesoporous structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 392-401.	4.7	31
10	A rich-amine porous organic polymer: an efficient and recyclable adsorbent for removal of azo dye and chlorophenol. <i>RSC Advances</i> , 2016, 6, 98487-98497.	3.6	30
11	Facile synthesis of graphene-based hyper-cross-linked porous carbon composite with superior adsorption capability for chlorophenols. <i>Journal of Environmental Sciences</i> , 2020, 90, 395-407.	6.1	27
12	Chitosan modified nitrogen-doped porous carbon composite as a highly-efficient adsorbent for phenolic pollutants removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125728.	4.7	26
13	The application of Ni and Cu-MOFs as highly efficient catalysts for visible light-driven tetracycline degradation and hydrogen production. <i>Journal of Materials Chemistry C</i> , 2021, 9, 238-248.	5.5	22
14	Magnetically hyper-cross-linked polymers with well-developed mesoporous: a broad-spectrum and highly efficient adsorbent for water purification. <i>Journal of Materials Science</i> , 2019, 54, 2712-2728.	3.7	21
15	NH <sub>2</sub> Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> supported peroxidase catalyzed H <sub>2</sub> O <sub>2</sub> for degradation of endocrine disrupter from aqueous solution: Roles of active radicals and NOMs. <i>Chemosphere</i> , 2017, 186, 733-742.	8.2	20
16	Synthesis of carboxyl-modified hyper-cross-linked polymers with conspicuous removal capability for various water-soluble contaminants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106047.	6.7	16
17	Constructing novel hyper-crosslinked conjugated polymers through molecular expansion for enhanced gas adsorption performance. <i>Journal of Hazardous Materials</i> , 2022, 426, 127850.	12.4	16
18	Synthesis of highly water-dispersible adsorbent derived from alkali-modified hyper-cross-linked polymer for efficient removal of various organic contaminants and ammonia. <i>Journal of Water Process Engineering</i> , 2021, 40, 101902.	5.6	10

#	ARTICLE	IF	CITATIONS
19	Electrospun core-shell polyamide 6/chitosan-Fe <sup>3+</sup> composite fibers: An efficient and recyclable adsorbent for removal of antibiotic. <i>Materials Letters</i> , 2016, 185, 286-289.	2.6	7
20	One-step preparation of polyimide-inlaid amine-rich porous organic block copolymer for efficient removal of chlorophenols from aqueous solution. <i>Journal of Environmental Sciences</i> , 2019, 78, 215-229.	6.1	7
21	Transfer behavior of odorous pollutants in wastewater sludge system under typical chemical conditioning processes for dewaterability enhancement. <i>Scientific Reports</i> , 2017, 7, 3417.	3.3	6
22	Preparation of N-doped graphitic carbon nanofibers composites via pyrolysis strategy and its application in the antibiotics treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127656.	4.7	3
23	Nitrogen rich hollow carbon spheres with well-developed mesoporous: An efficient adsorbent for tetracycline removal. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107043.	6.7	1